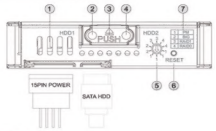
English

1 Package Content

2 Device Information

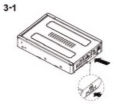


① Airflow Vent
② HDD1 LED Indicator:
(Drive Power - Blue light Remains on HDD Activity - Blue light flashes)
③ Cover Release Button
④ HDD2 LED Indicator :
(Drive Power - Blue light Remains on HDD Activity - Blue light flashes)
⑤ RAID Mode Selector
⑥ Reset Button
⑦ RAID Mode Table

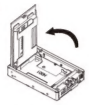
English

3 Instructions

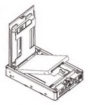
3-1



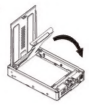
3-2



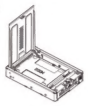
3-3



3-4



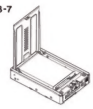
3-5



3-6

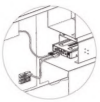
English

3-7



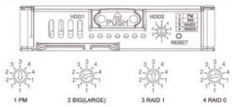
3-8

3-9



4 RAID Mode Settings

4 RAID Mode Diagrams



English

RAID Description:

1.RAID 0: The fastest RAID mode. Requiring at least 2 drives, RAID 0 stripes data onto each disk. What occurs in a RAID 0 config is that the separate disks appear as one giant disk with space equal to the sum of the drives. If one physical disk in the array fails, the data of all disks becomes inaccessible because parts of the data have been written to all disks. There is no way of retrieving it.

2.RAID 1: The two physical drives are "mirrored" so that one single logical volume mounts on the desktop. All of the data on one drive will be recoverable from the other drive (the available capacity of one drive cannot exceed the available capacity of the other drive).

3.Big (Concatenation): When disks are concatenated, their capacities are combined and data is written to the primary disk in the array until is it full, and then to successive disks. Concatenation provides no performance advantage or added measure of data safety. It is simply a method of combining more than one physical disk into one volume for greater overall capacity. Concatenation allows full use of the capacity of all disks in the array and most data can survive a disk failure. Only data on the failed disk and data that is partially written on the failed disk and an operative disk is lost. Offers the maximum possible capacity by combining the capacities of several drives into one large volume.

4.PM (NON-RAID): The two physical disks are read as two independent hard drives in a single housing, so that two logical volumes mount on the desktop. Therefore, the computer will show two separate drives.

English

RAID can be configured using software (GUI) or hardware (RAID selector):

Software (GUI): Use supplied software to configure and finalize the RAID mode. Download & install the suitable GUI software for your OS (Windows/Mac) from www.icydock.com and follow below steps to change RAID modes.

a). Software setting method: use GUI (Graphic user interface) for basic RAID mode setting. Software will lists available RAID selection according to hard drive type and capacity. When users select the desired RAID type, software will automatically calculate and create RAID volume.For example, if the user choose RAID 1, software will automatically create RAID 1 volume (figure a-1).

a-1 Create RAID 1

English

To create password for the RAID volume (optional), please check the "Support Password" box and enter the password (figure a-2).

a-2 Create Password for the new RAID volume (optional)

After selecting the RAID mode and creating the password (optional), simply click "Apply" to confirm the settings, or click cancel to return to original hard drive condition. If the current RAID setting needs to be deleted, please select "DELETE ALL RAID" and click "Apply". A confirmation message will pop up, click yes to confirm the selection (figure a-3).

a-3 Confirmation Message

English

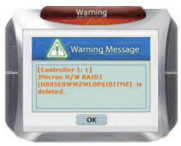
After the RAID configuration has been confirmed, a progress window will show to display the status (figure a-4)

a-4 RAID Configuration Progress Window

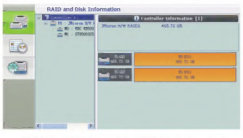
After the task is done, a message will show up and confirm the RAID configuration has been created or deleted (figure a-5).

a-5 Information Message Window

English



a-6 Warning Message Window



a-7 RAID and Disk Information in RAID 1 Mode (completed)

Deleted RAID 1 configuration (figure a-8). It is required to check the "Support Password" box and enter the user defined password if the password been set. Note: The DATA will be erased after confirmation, and it's not reversible.

English

a-8 Delete all RAID (not reversible)

Hardware setting method:

1. Turn off the system (PC / Mac)

2. Using tool (Recommended to use 1.4mm flat type screw-driver) to set the RAID mode to [1] (PM mode).

3. Use tool to press and hold the reset button of the device while turning on the system.

4. Wait for 10 seconds till one of the LED (locate on push button) goes out, release the reset button.

5. After the system is ready, turn off the system again.

6. Using tool to adjust the needed RAID mode, For example: [3] (RAID 1 Mode)

English

7. Use tool to press and hold the reset button of the device while turning on the system.

8. Wait for 10 seconds till one of the LED (locate on push button) goes out, release the reset button to complete the RAID mode setting.

NOTE

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